

FIG-1

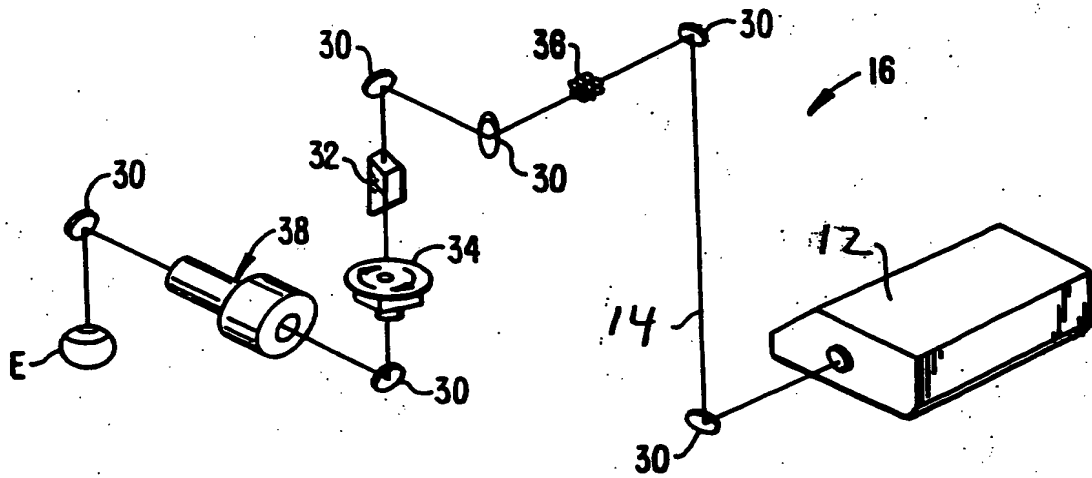


FIG. 2.

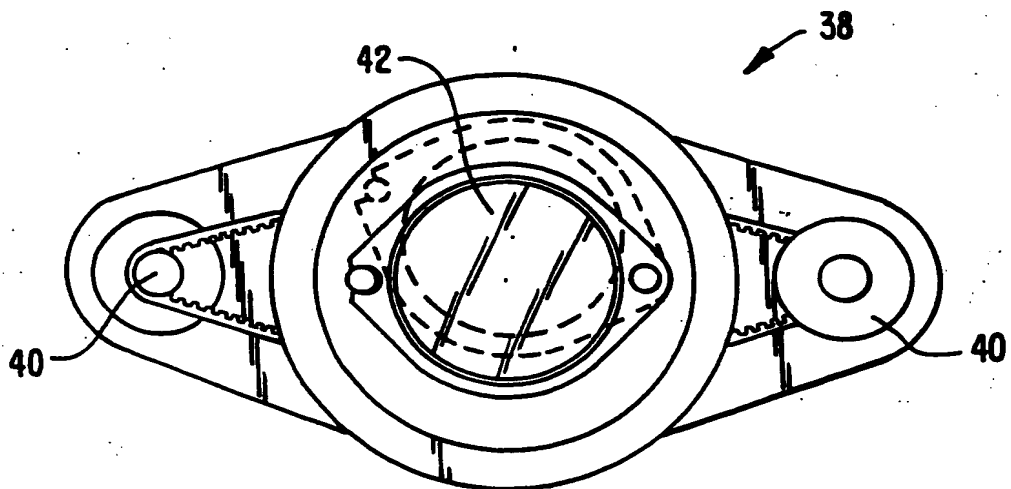


FIG. 3.

22-142 100 SHEETS
22-144 200 SHEETS

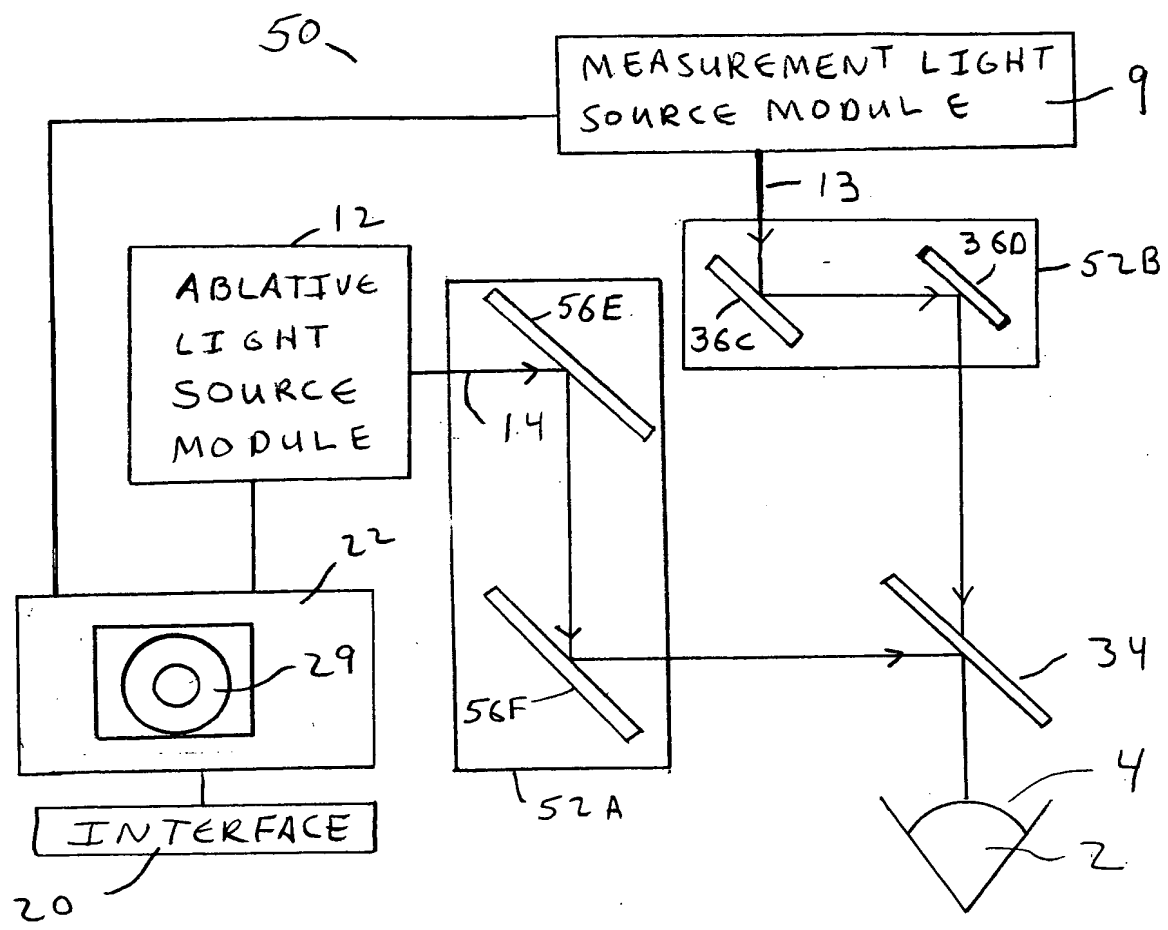


FIG-4

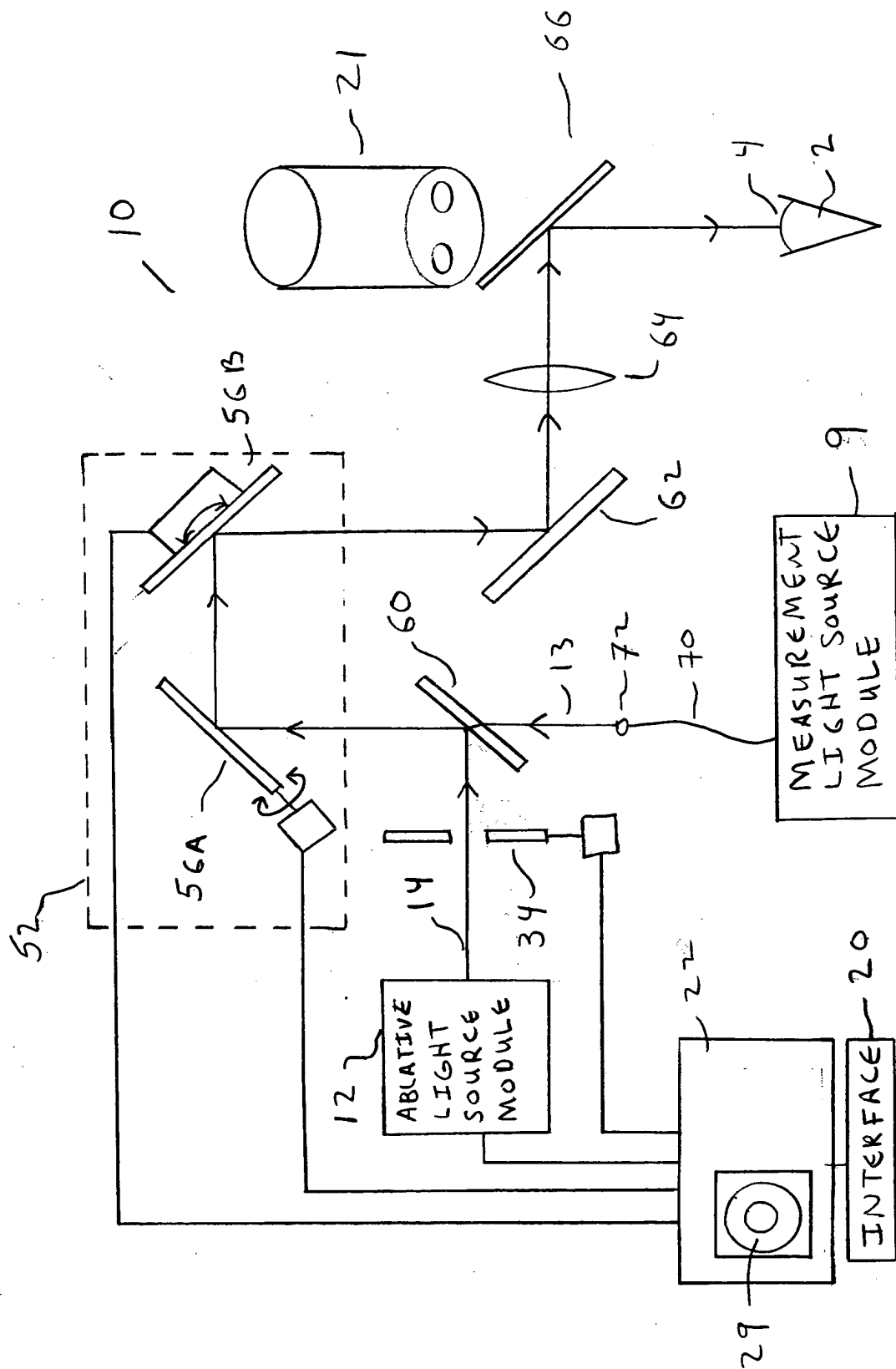
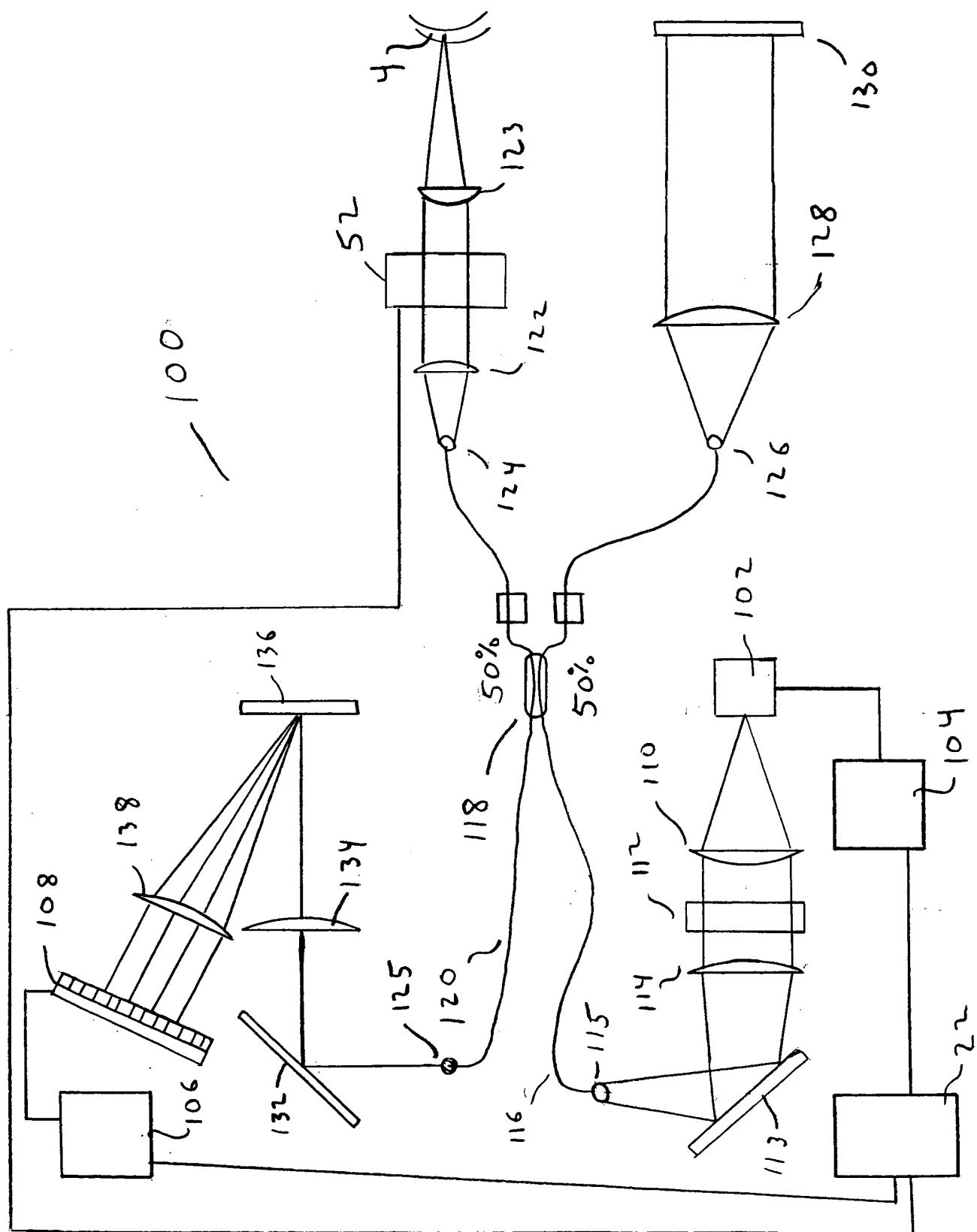
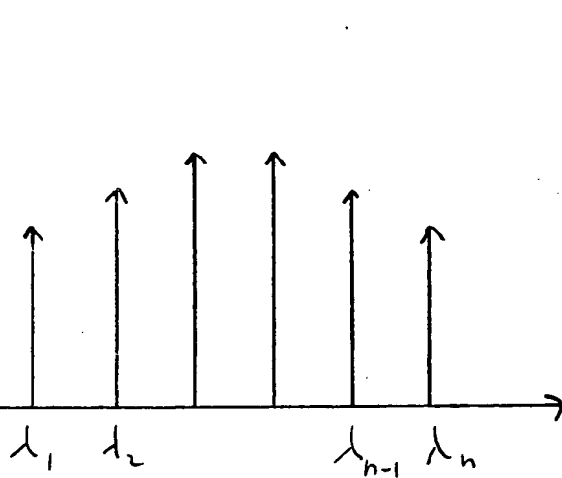


FIG-6



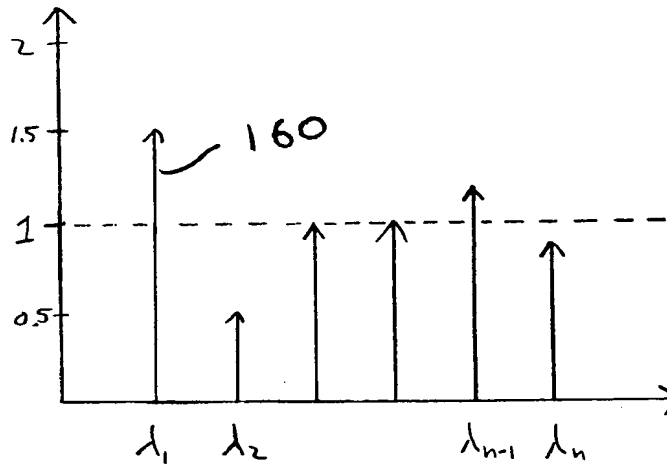
150

REFERENCE
INTENSITY
(A.U.)

WAVELENGTH ~ 152

FIG-7

154

NORMALIZED
SIGNAL
INTENSITY

WAVELENGTH

~ 156

FIG-8

22 142 100 SHEETS
22 142 200 SHEETS

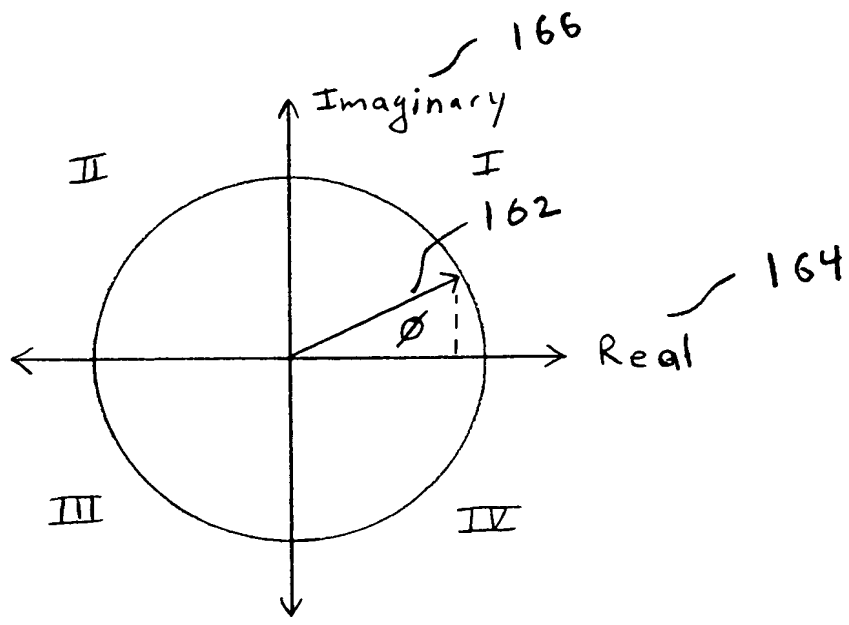
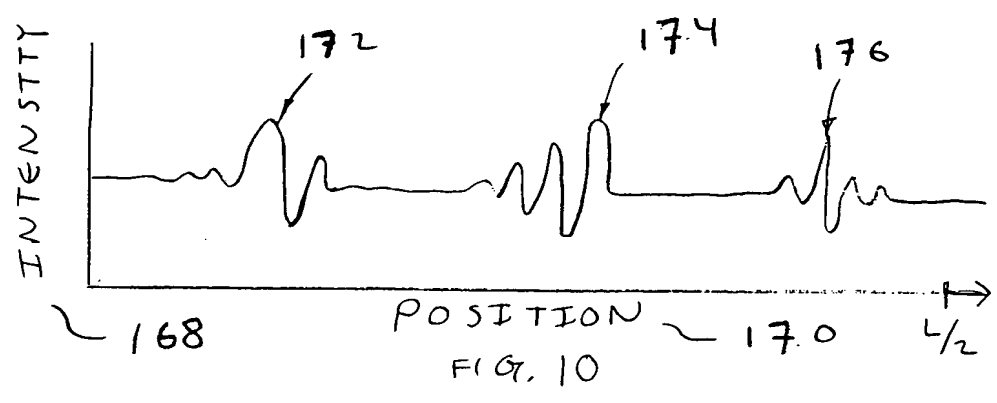
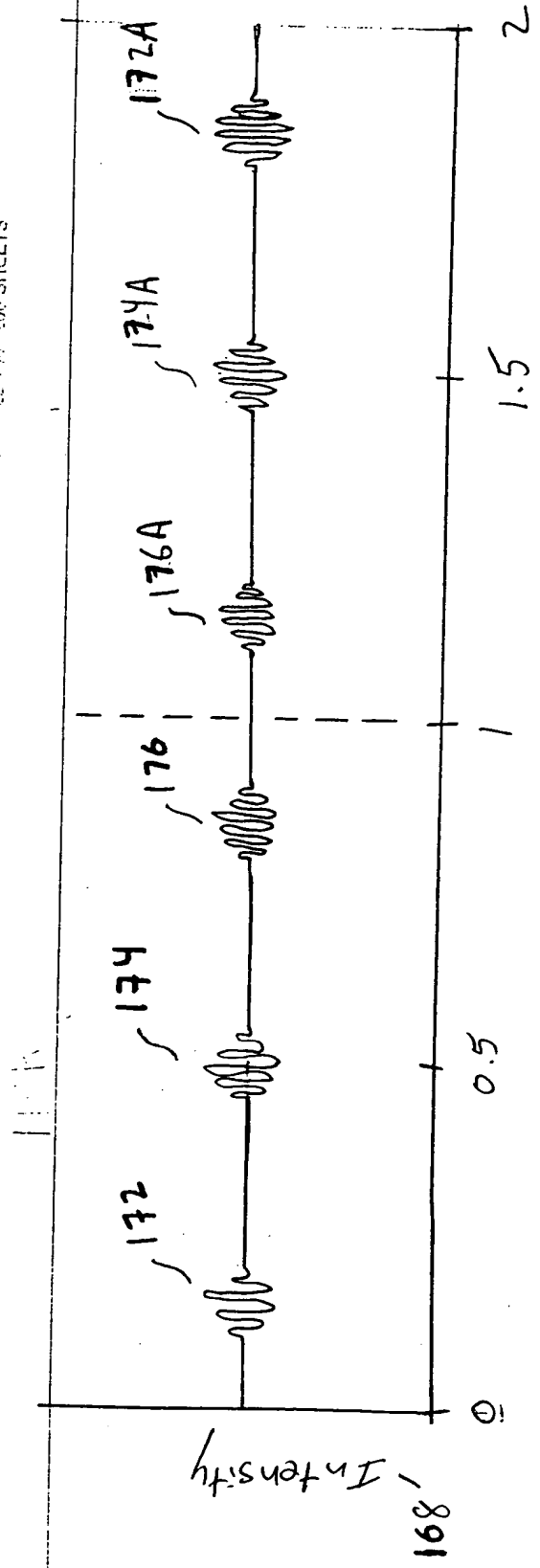


FIG-9





120 - POSITION (OPL, mm)

FIG-10A

200

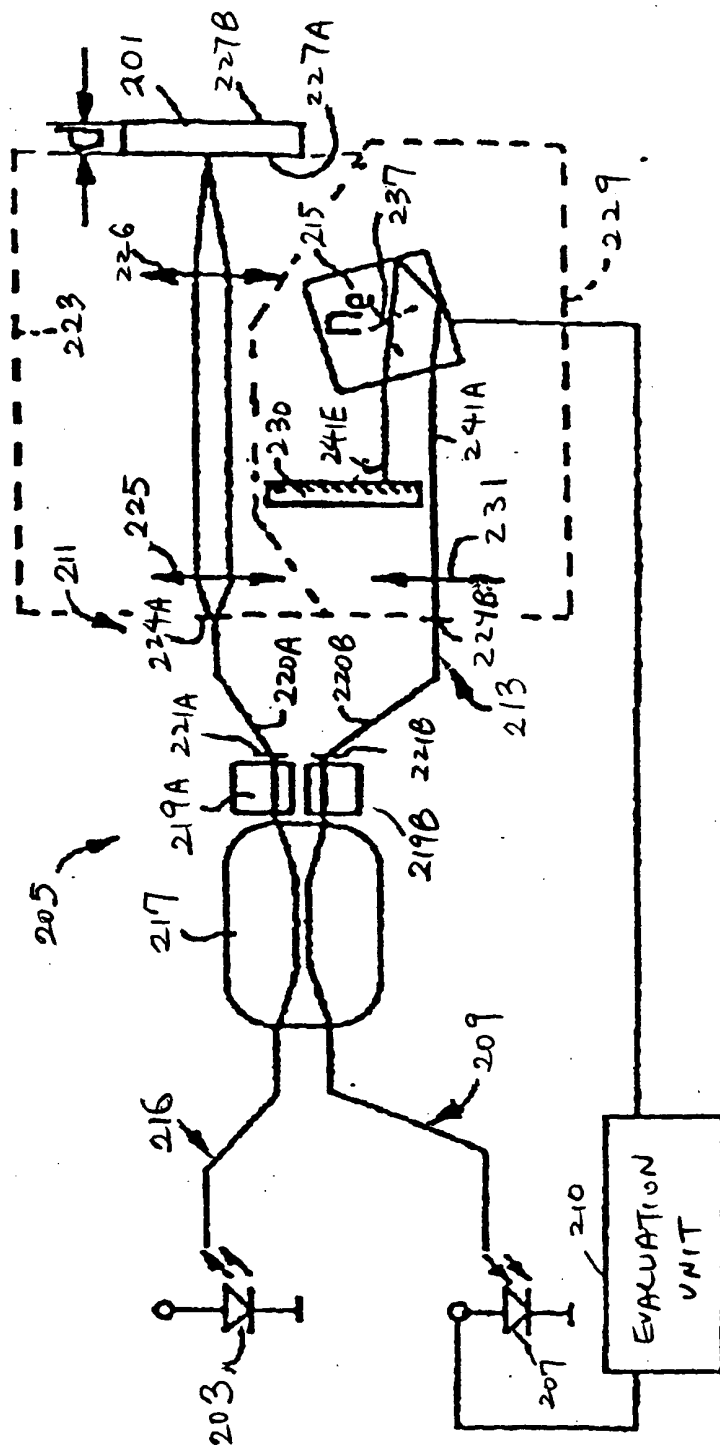


FIG. 11

wavelength (m) - 302 8.00E-07
velocity m/s - 308 1.25E+06
cycles/m - 312 1.25E+06
cycles/s - 310 1.25E+06

306

314

315

316

318

320

Etalon Oscillations (Integer)	wavelength (meters)	delta wavelength (nm)	Doppler Frequency (Hz)	Delta Dopler (Hz)	Spatial Frequency (cycles/mm)	Delta Spatial Frequency (cycles/mm)
2480	8.06452E-07	0.325051033	1.2400E+06	-5.00E+02	1240	-0.5
2481	8.06127E-07	0.324789106	1.2405E+06	-5.00E+02	1240.5	-0.5
2482	8.05802E-07	0.324527496	1.2410E+06	-5.00E+02	1241	-0.5
2483	8.05477E-07	0.324266202	1.2415E+06	-5.00E+02	1241.5	-0.5
2484	8.05153E-07	0.324005223	1.2420E+06	-5.00E+02	1242	-0.5
2485	8.04829E-07	0.323744559	1.2425E+06	-5.00E+02	1242.5	-0.5
2486	8.04505E-07	0.32348421	1.2430E+06	-5.00E+02	1243	-0.5
2487	8.04182E-07	0.323224174	1.2435E+06	-5.00E+02	1243.5	-0.5
2488	8.03859E-07	0.322964452	1.2440E+06	-5.00E+02	1244	-0.5
2489	8.03536E-07	0.322705043	1.2445E+06	-5.00E+02	1244.5	-0.5
2490	8.03213E-07	0.322445946	1.2450E+06	-5.00E+02	1245	-0.5
2491	8.0289E-07	0.322187161	1.2455E+06	-5.00E+02	1245.5	-0.5
2492	8.02568E-07	0.321928688	1.2460E+06	-5.00E+02	1246	-0.5
2493	8.02246E-07	0.321670525	1.2465E+06	-5.00E+02	1246.5	-0.5
2494	8.01925E-07	0.321412673	1.2470E+06	-5.00E+02	1247	-0.5
2495	8.01603E-07	0.321155131	1.2475E+06	-5.00E+02	1247.5	-0.5
2496	8.01282E-07	0.320897898	1.2480E+06	-5.00E+02	1248	-0.5
2497	8.00961E-07	0.320640974	1.2485E+06	-5.00E+02	1248.5	-0.5
2498	8.00641E-07	0.320384359	1.2490E+06	-5.00E+02	1249	-0.5
2499	8.0032E-07	0.320128051	1.2495E+06	-5.00E+02	1249.5	-0.5
2500	0.0000008	0.319872051	1.2500E+06	-5.00E+02	1250	-0.5
2501	7.9968E-07	0.319616358	1.2505E+06	-5.00E+02	1250.5	-0.5
2502	7.99361E-07	0.319360971	1.2510E+06	-5.00E+02	1251	-0.5
2503	7.99041E-07	0.319105891	1.2515E+06	-5.00E+02	1251.5	-0.5
2504	7.98722E-07	0.318851116	1.2520E+06	-5.00E+02	1252	-0.5
2505	7.98403E-07	0.318596645	1.2525E+06	-5.00E+02	1252.5	-0.5
2506	7.98085E-07	0.31834248	1.2530E+06	-5.00E+02	1253	-0.5
2507	7.97766E-07	0.318088618	1.2535E+06	-5.00E+02	1253.5	-0.5
2508	7.97448E-07	0.31783506	1.2540E+06	-5.00E+02	1254	-0.5
2509	7.9713E-07	0.317581805	1.2545E+06	-5.00E+02	1254.5	-0.5
2510	7.96813E-07	0.317328853	1.2550E+06	-5.00E+02	1255	-0.5
2511	7.96495E-07	0.317076202	1.2555E+06	-5.00E+02	1255.5	-0.5
2512	7.96178E-07	0.316823854	1.2560E+06	-5.00E+02	1256	-0.5
2513	7.95862E-07	0.316571806	1.2565E+06	-5.00E+02	1256.5	-0.5
2514	7.95545E-07	0.316320059	1.2570E+06	-5.00E+02	1257	-0.5
2515	7.95229E-07	0.316068612	1.2575E+06	-5.00E+02	1257.5	-0.5
2516	7.94913E-07	0.315817465	1.2580E+06	-5.00E+02	1258	-0.5
2517	7.94597E-07	0.315566617	1.2585E+06	-5.00E+02	1258.5	-0.5
2518	7.94281E-07	0.315316068	1.2590E+06	-5.00E+02	1259	-0.5
2519	7.93966E-07	0.315065817	1.2595E+06	-5.00E+02	1259.5	-0.5
2520	7.93651E-07	793.6507937	1.2600E+06	1.26E+06	1260	1260

FIG-11A

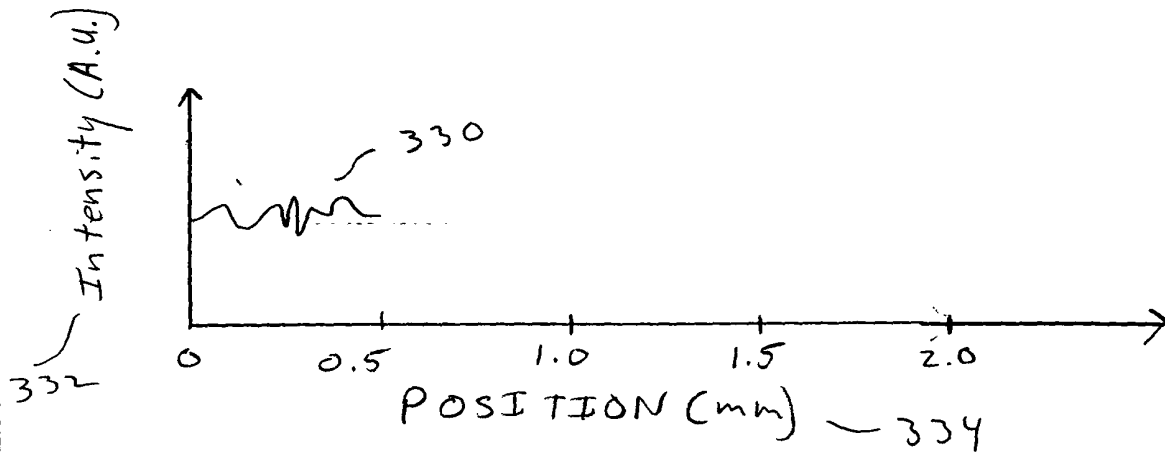


FIG-11B

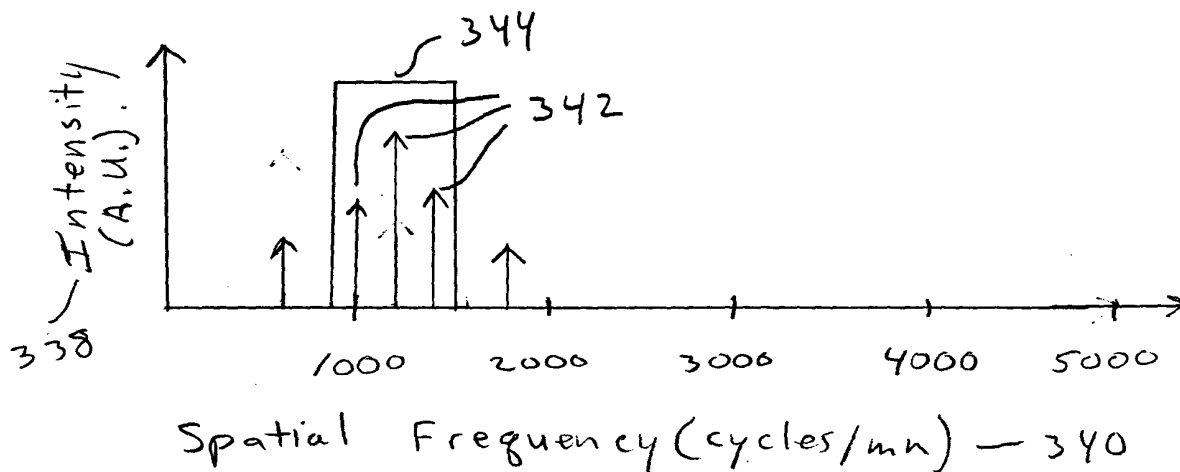


FIG-11C

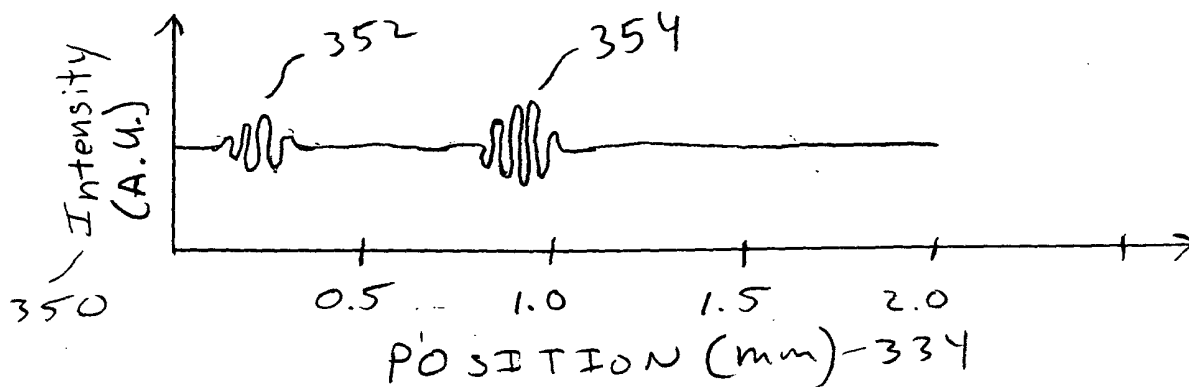


FIG-11D

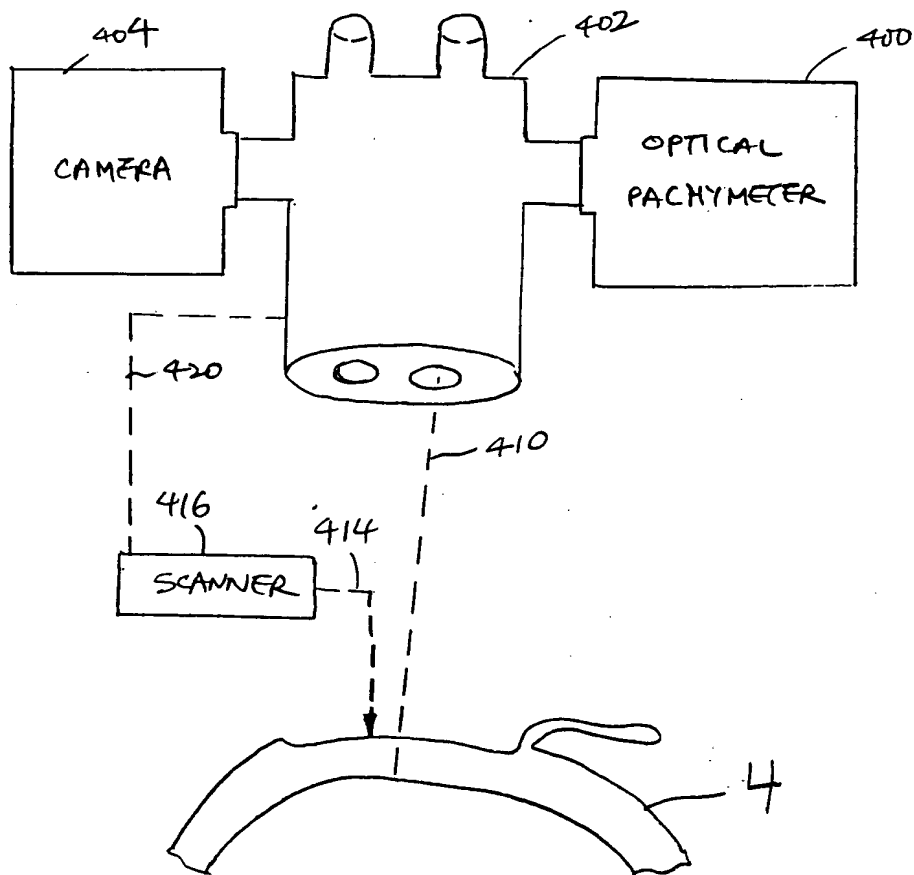


FIG. 12